



Effectiveness of laser radiance on *Morganella morganii* secluded from malignant tumors (cancer)

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Abstract

Objective: The aim of this research to affect study radiation emitted from Nd: YAG laser on *Morganella morganii* isolated from malignant tumors.

Study design: Case –Control study design in Analytical study design by 15 isolates from malignant tumors compared with 15 isolates from normal person. Cross-Sectional study design in descriptive study design for 30 isolates.

Background: *Morganella morganii* is a fermentative anaerobic rod Gram-negative enteric bacterium that was first isolated in 1906 via Morgan *et al.* of a pediatric fecal culture. Cancer evolution is the result of a spectrum of genetic modifications that change the normal control of cell expansion and survival. These genetic modifications can be enhanced by a wide diversity of external factors inclusive smoking, alcohol and sunlight.

Methodology: *Morganella morganii* implanted in Nutrient broth at 37° C for 24 h and rapprochement with MacConkey 0.5 subsequently exposing 1 ml of